

17. APPLICATION FOR OVERHEAD-WIRE-CROSSING EASEMENT, STATE SCHOOL LAND, SAN BERNARDINO COUNTY; SOUTHERN CALIFORNIA EDISON COMPANY - W.O. 6061, P.R.C. 3644.2.

After consideration of Calendar Item 15 attached, and upon motion duly made and carried, the following resolution was adopted:

THE EXECUTIVE OFFICER IS AUTHORIZED TO ISSUE TO SOUTHERN CALIFORNIA EDISON COMPANY A 15-YEAR EASEMENT, AT A TOTAL RENTAL OF \$1,303.80, FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF AN OVERHEAD ELECTRIC POWER LINE, WITH THE RIGHT OF RENEWAL FOR THREE PERIODS OF 10 YEARS EACH, OVER THE FOLLOWING-DESCRIBED LAND:

A STRIP OF LAND THREE HUNDRED THIRTY (330) FEET WIDE, EXTENDING OVER AND ACROSS SECTION 16, TOWNSHIP 6 NORTH, RANGE 3 EAST, SAN BERNARDINO BASE AND MERIDIAN, THE SOUTHERLY SIDE LINE OF SAID STRIP OF LAND THREE HUNDRED THIRTY (330) FEET WIDE IS COINCIDENTAL WITH THE NORTHERLY SIDE LINE OF THAT CERTAIN STRIP OF LAND TWO HUNDRED (200) FEET WIDE DESCRIBED AS PARCEL 6, IN THE DEED TO SOUTHERN CALIFORNIA EDISON COMPANY, LTD., A CORPORATION, RECORDED IN BOOK 1509, PAGE 46 OF OFFICIAL RECORDS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

THE NORTHERLY SIDE LINE OF SAID STRIP OF LAND THREE HUNDRED THIRTY (330) FEET WIDE, SHALL BE PROLONGED OR SHORTENED SO AS TO TERMINATE IN THE WESTERLY AND EASTERLY LINES OF SAID SECTION 16.

Attachment

Calendar Item 15 (2 pages)

15.

APPLICATION FOR OVERHEAD-WIRE-CROSSING EASEMENT, STATE SCHOOL LAND, SAN BERNARDINO COUNTY; SOUTHERN CALIFORNIA EDISON COMPANY - W.O. 6061

Southern California Edison Company has applied for a 330-foot easement for a 500 kv electric transmission line across 41.67 acres of State school land in Section 16, T. 6 N., R. 3 E., S.B.B. & M., San Bernardino County (see Exhibit "A").

The applicant has offered the following statement relating to the comparative cost of overhead to underground construction:

"The highest voltage at present utilized for sub-surface (underground or submarine) transmission in this country is 345 kv.

"Extending the voltage levels to 500 kv involves technological problems that will require further years of research and development in order to bring this voltage class of cable and accessories into the realm of practicability. Research is now in progress which is pointed toward meeting this objective but at the present, both cables and accessories are not available for manufacture commercially. As with 115 and 230 kv cables, areas of rugged terrain will present situations in which an underground system is not technically feasible.

"Since 500 kv cable systems have not yet been developed by the cable and accessory manufacturers, cost estimates can be made only on a theoretical basis. In view of the large power transmitting capabilities of a 500 kv bundled conductor overhead system, 3 to 4 underground circuits would be required for an equivalent system. Cost ratios of a sub-surface installation to an overhead installation cannot be estimated within practical limits of accuracy at our present level of technology."

A staff appraisal indicates a value of \$1,313 which results in an annual rental of \$86.92, or a total of \$1,303.80, for the initial period of 15 years. The lease will provide for three renewal periods of 10 years each.

IT IS RECOMMENDED THAT THE COMMISSION AUTHORIZE THE EXECUTIVE OFFICER TO ISSUE TO SOUTHERN CALIFORNIA EDISON COMPANY A 15-YEAR EASEMENT, AT A TOTAL RENTAL OF \$1,303.80, FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF AN OVERHEAD ELECTRIC POWER LINE, WITH THE RIGHT OF RENEWAL FOR THREE PERIODS OF 10 YEARS EACH, OVER THE FOLLOWING-DESCRIBED LAND:

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CALENDAR ITEM 15. (CONTD.)

THE NORTHERLY SIDE LINE OF SAID STRIP OF LAND THREE HUNDRED THIRTY (330) FEET WIDE, SHALL BE PROLONGED OR SHORTENED SO AS TO TERMINATE IN THE WESTERLY AND EASTERLY LINES OF SAID SECTION 16.